

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006238

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C22B19/04 C22B19/34 C22B5/10 C22B5/12 C22B5/16 C22B13/02					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C22B					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, COMPENDEX					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document, with indication, where appropriate, of the relevant passages				Relevant to claim No.
A	HEARD R ET AL.: "Recycling of Zinc-Bearing Residues with the PRIMUS Process" IRON STEELMAKER I AND SM, vol. 30, no. 4, April 2003 (2003-04), pages 55-60, XP009020220 the whole document -----				1-12
A	ESNA-ASHARI M ET AL: "SMELTING REACTOR FOR RECOVERING ZINC FROM INDUSTRIAL LOW ZINC BEARING RESIDUES" ERZMETALL, RIEDERER VERLAG GMBH. STUTTGART, DE, vol. 53, no. 6, 2000, pages 373-384, XP000959985 ISSN: 0044-2658 * Figure 1; pages 374-375 *				1-12
					-/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.			<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed					
T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family					
Date of the actual completion of the international search			Date of mailing of the international search report		
15 September 2004			23/09/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016			Authorized officer Bjoerk, P		

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A	DATABASE COMPENDEX 'Online! ENGINEERING INFORMATION, INC., NEW YORK, NY, US; DE SCHEPPER A: "Liquid-liquid extraction of germanium by LIX-63" XP002260042 Database accession no. EIX78110005759 abstract & CHLORIDE HYDROMETALL, INT SYMP, PROC, 26 September 1977 (1977-09-26), - 28 September 1977 (1977-09-28) pages 357-384, Brussels, Belgium	7
A	GB 2 094 772 A (SAMIM SOC AZIONARIA MINERO MET) 22 September 1982 (1982-09-22) * page 1; lines 78-97 *	1-12
A	US 6 379 421 B1 (GUERRA-REYES MARIA TERESA ET AL) 30 April 2002 (2002-04-30) * Figure 1; column 3, lines 34-56 *	1-12
A	US 4 415 540 A (WILKOMIRSKY IGOR A E ET AL) 15 November 1983 (1983-11-15) cited in the application the whole document	1-12

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Information on patent family members

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